



Prescriptive T-24 Energy Requirements for Residential Additions

City of Hayward Development Services Department

Updated 11/10/2014

TO INDICATE YOUR SCOPE OF WORK, CIRCLE A, B, OR C BELOW

- A. Addition > 700 ft² and ≤ 1000 ft²
- B. Addition > 400 ft² and ≤ 700 ft²
- C. Addition ≤ 400 ft²

SUBMITTAL REQUIREMENTS

The below-mentioned requirements apply to all new components in your scope of work.

APPLICANT'S DECLARATION

Read and initial each statement below to signify you understand or verify this information.

_____ **WALLS:** R15+4, R-13+5, or R-21 for A (circle one) {the underlined value is continuous}

_____ **WALLS:** R-13 for B & C

_____ **ATTIC:** R-30 with radiant barrier

_____ **FLOOR:** R-19

_____ **WINDOWS:** 0.32 maximum U, and up to 175 ft² or 20% of CFA in area for A

_____ **WINDOWS:** 0.32 maximum U, and up to 120 ft² or 25% of CFA in area for B

_____ **WINDOWS:** 0.32 maximum U, and up to 75 ft² or 30% of CFA in area for C

_____ **HVAC DUCTS:** ≤ 40 feet of new duct and R-6 duct insulation

_____ **WATER HEATER:** One per single-family dwelling; storage type must be ≤ 75kbtuh rated input, ≥ 0.58EF, and ≤ 60 gallon storage capacity; tankless type must be ≤ 200kbtuh rated input and ≥ 0.83EF. A Title 24 performance analysis is required to justify electric water heater, multiple water heaters, and recirculation system. Indicate water heater type: _____

_____ **NEW HVAC SYSTEM:** Gas only; new ducts or existing ducts serving the new system must be sealed and HERS rated prior to the final inspection. HERS is exempted for asbestos ducts and HERS rated existing ducts. A copy of the registered CF1R-ALT-02E form is required when a new forced-air system is installed or less than 40 linear feet of ducting is added. Indicate HVAC type: _____

_____ **PROJECT WILL COMPLY WITH ALL APPLICABLE MANDATORY MEASURES**

Project Address _____

Name / Phone Number _____

Signature / Date _____

- I certify the following under penalty of perjury, under the laws of the State of California:
- The information provided on this page is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this page.
- That the energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this page conforms to the requirements of Title 24, part 1 and part 6 of the California Code of Regulations.
- The building design features or system design features identified on this page are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that when HERS is applicable, a registered Certificate of Compliance will be made available with the building permit issued for the building.

Note: Developed by Hayward Building Division, this is a simplified Certificate of Compliance documentation used to demonstrate prescriptive compliance for residential additions ≤ 1000 ft². Optionally, performance compliance may be used if the proposed work does not comply prescriptively as shown on this page.